**Detection of Anomalies in Electric Vehicle Charging Sessions**

Model editor:

from mergexp import \*

net = Network('evcharging', addressing==ipv4, routing==static)

nodes = [net.node(name, memory.capacity>=gb(64), image == 'bullseye-edu') for name in ['node']]

experiment(net)

Experiment, reservation, activation, attachment

Terminal jupiter

ssh node

sudo apt-get update

sudo apt-get install -y python3 python3-pip

pip3 install matplotlib pandas scikit-learn tqdm

sudo apt-get install git

git clone <https://code.fbi.h-da.de/seacop/ev-charging-ids-data-sets.git>

cd ev-charging-ids-data-sets/

python3 ids.py acn\_office -c eval\_diff\_clfs  
python3 ids.py acn\_caltech -c eval\_diff\_clfs  
python3 ids.py acn\_jpl -c eval\_diff\_clfs  
python3 ids.py elaadnl -c eval\_diff\_clfs  
python3 ids.py acn\_office -c eval\_diff\_nov  
python3 ids.py acn\_caltech -c eval\_diff\_nov  
python3 ids.py acn\_jpl -c eval\_diff\_nov  
python3 ids.py elaadnl -c eval\_diff\_nov  
python3 ids.py acn\_caltech -c eval\_diff\_params\_clf  
python3 ids.py acn\_caltech -c eval\_diff\_params\_nov  
nohup python3 ids.py acn\_office -c eval\_diff\_mag &  
nohup python3 ids.py acn\_caltech -c eval\_diff\_mag &  
nohup python3 ids.py acn\_jpl -c eval\_diff\_mag &  
nohup python3 ids.py elaadnl -c eval\_diff\_mag &  
nohup python3 ids.py acn\_office -c eval\_diff\_mag\_ensemble &  
nohup python3 ids.py acn\_caltech -c eval\_diff\_mag\_ensemble &  
nohup python3 ids.py acn\_jpl -c eval\_diff\_mag\_ensemble &  
nohup python3 ids.py elaadnl -c eval\_diff\_mag\_ensemble &  
nohup python3 ids.py acn\_office acn\_caltech acn\_jpl -c eval\_year &

Sur mon terminal WSL

mrg xdc scp download -x xdc.alix node:ev-charging-ids-data-sets/figs/Figure\_4\_eval\_diff\_clfs\_acn\_caltech.pdf .

À faire pour toutes les figures